

PATENT Case SU-7273

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JAMES L. McNAUGHTON	}
SERIAL NO.: 10/603,132	}
FILED: JUNE 24, 2003	}
MICROBIOCIDAL CONTROL IN THE	} }
PROCESSING OF POULTRY	}

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

THIRD SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Enclosed herewith for consideration by the Examiner is a Third Supplemental Information Disclosure Form PTO/SB/08A. There are 303 documents listed, but only 90 are enclosed.

Respectfully Submitted,

John F. Sieberth Reg. No. 17,704 Attorney of Record

Telephone: (225) 291-4600 Facsimile: (225) 291-4606

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited on the date shown below with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Date

Deborah A Brouillette

PTO/SB/08a (08-03)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Third Supplemental

of

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Sheet

Co	Complete if Known				
Application Number	10/603,132				
Filing Date	June 24, 2003				
First Named Inventor	James L. McNaughton				
Art Unit					
Examiner Name					
Attorney Docket Number	SU-7273				

			U.S. PATENT	DOCUMENTS	-
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code ² (# known)	1	Applicant of ones bosoment	Figures Appear
	US-17	US-2130805	09-20-1938	Levine	
	US-18	US-2392505	01-08-1946	Rogers	
	US-19	US-2398598	04-16-1946	Rogers	
	US-20	US-2779764	01-29-1956	Paterson	
	US-21	US-2795556	06-11-1957	Quinn	
	US-22	US-2868787	01-13-1959	Paterson	
	US-23	US-2920997	01-12-1960	Wolf et al.	
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	US-29	US-3152073	10-06-1964	Morton	
	US-30	US-3170883	02-23-1965	Owen et al.	
	US-31	US-3308062	03-07-1967	Gunther	
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	US-35	US-3558503	01-26-1971	Goodenough et al.	
	US-36	US-3589859	06-29-1971	Foroutis	

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Examiner Cite Initials* No.1				Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵		
	FP-5	CA- 1230825	12-29-1987	Bristol-Myers Co.		П		
	FP-6	CA- 2042430	11-30-1991	Eltech Systems Corp.				
	FP-7	CA- 2163596	09-04-1996	S.C. Johnson & Son, Inc.				
	FP-8	EP- 0106563	04-25-1984	Rohm and Haas				
	FP-9	EP- 0177645 A1	04-16-1986	Girard et al.				
	FP-10	EP- 0206725	12-30-1986	Jeyes Group Limited				
***	FP-11	EP- 0228593	07-15-1987	Chesebrough-Pond's Inc.				
	FP-12	EP- 0550137 A2	07-07-1993	Greenley et al.				
	FP-13	EP- 0581826	02-09-1994	Jeyes Limited				
	FP-14	EP- 0584955 A2	03-02-1994	Leech et al.				

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Initials*	No.1	Number-Kind Code ^{2 (# known)}	WilVI-DD-1717	Applicant of office Bookinett	Figures Appear
	US-37	US-3626972	12-14-1971	Lorenzen	
	US-38	US-3711246	01-16-1973	Foroulis	
	US-39	US-3749672	07-31-1973	Golton et al.	
	US-40	US-3767586	10-23-1973	Rutkiewic	
	US-41	US-4032460	06-28-1977	Zilch et al.	
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	US-46	US-4199001	04-22-1980	Kratz	
	US-47	US-4237090	12-02-1980	DeMonbrun et al.	
	US-48	US-4242216	12-30-1980	Daugherty et al.	
	US-49	US-4270565	06-02-1981	King, Sr.	
	US-50	US-4293425	10-06-1981	Price	
·	US-51	US-4295932	10-20-1981	Pocius	
	US-52	US-4327151	04-27-1982	Mazzola	
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of

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (<i>if known</i>)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
	FP-15	EP- 0827695 A2	03-11-1998	The Boc Group, Inc.				
	FP-16	GB- 1054243	01-04-1967	Wallace Cameron & Co.				
	FP-17	GB- 1600289	10-14-1981	Wilson et al.				
	FP-18	GB- 2267487 A	12-08-1993	Mason				
	FP-19	GB- 2273106	06-08-1994	Jeyes Group PLC				
	FP-20	JP- 56158333	12-07-1981	Teijin Ltd.		X		
	FP-21	JP- 7299468	11-14-1995	Hakuto Co., Ltd		х		
	FP-22	WO- 8802987	05-05-1988	Great Lakes Chemical Corp.				
	FP-23	WO- 8910696 A1	11-16-1989	Puzig				
	FP-24	WO- 9015780 A1	12-27-1990	Rakestraw et al.				

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Substitute for form 1449A/PTO Complete if Known INFORMATION DISCLOSURE Application Number 10/603,132 Filing Date June 24, 2003 STATEMENT BY APPLICANT First Named Inventor James L. McNaughton Third Supplemental Art Unit (Use as many sheets as necessary) **Examiner Name** SU-7273 Sheet 3 of 15 Attorney Docket Number

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Initials*	No.1	Number-Kind Code ^{2 (F known)}	IVIIVI-DD-1111	Applicant of Cited Document	Figures Appear
	US-57	US-4427692	01-24-1984	Girard	
	US-58	US-4451376	05-29-1984	Sharp	
	US-59	US-4465598	08-14-1984	Darlington et al.	
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	US-66	US-4539071	09-03-1985	Clifford et al.	
	US-67	US-4546156	10-08-1985	Fong et al.	•
	US-68	US-4560766	12-24-1985	Girard et al.	
	US-69	US-4566973	01-28-1986	Masier, III et al.	
	US-70	US-4571333	02-18-1986	Hsiao et al.	
	US-71	US-4595517	06-17-1986	Abadi	
	US-72	US-4595691	06-17-1986	LaMarre et al.	
	US-73	US-4597941	07-01-1986	Bottom et al.	
	US-74	US-4604431	08-05-1986	Fong et al.	
	US-75	US-4621096	11-04-1986	Cole	
	US-76	US-4642194	02-10-1987	Johnson	

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	FP-25	WO- 9630491 A1	10-03-1996 ·	Jeyes Group PLC				
	FP-26	WO- 9628173 A1	09-19-1996	Mullerat et al.				
_	FP-27	WO- 9715652 A1	05-01-1997	Clorox Co.				
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	FP-30	WO- 9734827 A1	09-25-1997	Dallmier et al.		\Box		
	FP-31	WO- 9743264	11-20-1997	Great Lakes Chemical		\top		
	FP-32	WO- 9743392	11-20-1997	Henry et al.				
	FP-33	WO- 9804143	02-05-1998	Strickland et al.				
	FP-34	WO- 9815609	04-16-1998	Sirianni				

Examiner	 Date	****
Signature	Considered	

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First Named Inventor	James L. McNaughton		
Art Unit	***		
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	US-77	US-4643835	02-17-1987	Koeplin-Gall et al.		
	US-78	US-4654424	03-31-1987	Girard et al.		
	US-79	US-4659359	04-21-1987	Lorenz et al.		
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	US-86	US-4692335	09-08-1987	lwanski		
	US-87	US-4698165	10-06-1987	Theyson		
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	US-90	US-4713079	12-15-1987	Chun et al.		
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·	US-92	US-4745189	05-17-1988	Lee et al.		
•	US-93	US-4752443	06-21-1988	Hoots et al.		
	US-94	US-4759852	07-26-1988	Trulear		
•	US-95	US-4762894	08-09-1988	Fong et al.		
	US-96	US-4767542	08-30-1988	Worley	-	

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	FP-35	WO- 9906320 A1	02-11-1999	Dallmier et al.		\Box
	FP-36	WO- 9932596 A1	07-01-1999	Rees et al.		
	FP-37	WO- 9955627 A1	11-04-1999	Yang et al.		
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	FP-39	WO- 0152827 A1	07-26-2001	McKenzie et al.		
	FP-40	WO- 0153209 A2	07-26-2001	Albemarle Corp.		
	FP-41	WO- 03001931 A1	01-09-2003	Albemarle Corp.		\blacksquare
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	US-98	US-4777219	10-11-1988	Fong	
	US-99	US-4780197	10-25-1988	Schuman	
	US-100	US-4801388	01-31-1989	Fong et al.	
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	US-102	US-4803079	02-07-1989	Hsiao et al.	
	US-103	US-4822512	04-18-1989	Auchincloss	·
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	US-105	US-4846979	07-11-1989	Hamilton	
	US-106	US-4860554	08-29-1989	Innes et al.	
	US-107	US-4867895	09-191989	Choy	
	US-108	US-4883600	11-28-1989	MacDonald et al.	
	US-109	US-4886915	12-12-1989	Favstritsky	
	US-110	US-4898686	02-06-1990	Johnson et al.	
	US-111	US-4906651	03-06-1990	Hsu	
	US-112	US-4919841	04-24-1990	Kamel et al.	
	US-113	US-4923634	05-08-1990	Hoots et al.	
	US-114	US-4925866	05-15-1990	Smith	
	US-115	US-4929424	05-29-1990	Meier et al.	
	US-116	US-4929425	05-29-1990	Hoots et al.	

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	US-117	US-4964892	10-23-1990	Hsu	
	US-118	US-4966716	10-30-1990	Favstritsky et al.	
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	US-124	US-5055285	10-08-1991	Duncan et al.	
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Signature		Considered	

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Third Supplemental

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Complete if Known				
Application Number	10/603,132			
Filing Date	June 24, 2003			
First Named Inventor	James L. McNaughton			
Art Unit				
Examiner Name				
Attorney Docket Number	SU-7273			

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code ² (# known)		Applicant of offed bodament	Figures Appear
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	US-138	US-5208057	05-04-1993	Greenley et al.	
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T _e
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Application Number	10/603,132			
Filing Date	June 24, 2003			
First Named Inventor	James L. McNaughton			
Art Unit	9,08			
Examiner Name				
Attorney Docket Number	SU-7273			

			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No.1	Number-Kind Code ^{2 (# known)}	7,55	Applicant of Cited Document	Figures Appear
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of

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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code³ -Number⁴ - Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶			
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Sheet

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Application Number	10/603,132		
Filing Date	June 24, 2003		
First Named Inventor	James L. McNaughton		
Art Unit			
Examiner Name			
Attorney Docket Number	SU-7273		

			U.S. PATENT	DOCUMENTS	
Examiner	Cite		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
Initials*	No. ¹	Number-Kind Code ^{2 (# known)}		Applicant of oiled boarnent	Figures Appear
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Examiner	Cite	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code³ -Number⁴ - Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T⁵
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Sheet

Co	mplete if Known
Application Number	10/603,132
Filing Date	June 24, 2003
First Named Inventor	James L. McNaughton
Art Unit	
Examiner Name	
Attorney Docket Number	SU-7273

			U.S. PATENT I	DOCUMENTS	
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	No.1	Number-Kind Code ^{2 (If known)}	WIWI-05-7111	Applicant of Oiled Boodinent	Figures Appear
	US-217	US-6284144 B1	09-04-2001	ltzhak	
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Examiner Initials*	Cite No.1	Foreign Patent Document Country Code³ -Number⁴- Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Art Unit		
Examiner Name		
Attorney Docket Number	SU-7273	

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	L-35	CABA Copyright 2002 CABI Abstract of Bukh, K., "Use of Chlorine in Experiments on Controlling Swine Dysentery", Dansk Veterinaertidsskrift, (1988), vol 71, no. 24, pp. 1278-1286.	
	L-36	CAPLUS Abstract of Heir, et al., "The Staphylococcus qacH gene product: a new member of the SMR family encoding multidrug resistance", FEMS Microbiol. Lett. (1998), 163(1), ppg 49-56. Accession No. 1998:343309 CAPLUS	
	L-37	CAPLUS Abstract of Sanderson et al., "Case Reports: epidemic eye and upper respiratory irritation in poultry processing plants", Appl. Occup Environ. Hyg, 1995, 10(1), 43-9. Accession No. 1995:439186 CAPLUS	
	L-38	Frosti Abstract of Bocharov D.A., "Disinfection of Poultry Processing Plant Objects", Proceedings of the 22 nd European meeting of Meat Research Workers, Malmo, August- September, I (C6), 4 pp., 1976. Accession No. 78674 Frosti	
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	L-45	Frosti Abstract of "Foodborne Pathogen Control", Poultry International, 1994, (July), 62, author unknown. Accession No. 359896 Frosti	
	L-46	HCAPLUS Abstract of JP 07171576 A2 issued 1995.	
	L-47	HCAPLUS Abstract of JP 07277912 A2 issued 1995.	
	L-48	HCAPLUS Abstract of JP 08027119 A2 issued 1996.	1

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Subst	tute for form 1449A/PTO				Complete if Known
INFO	RMATION DISC	LOS	URE	Application Number	10/603,132
	EMENT BY APP			Filing Date	June 24, 2003
SIAI			ANI	First Named Inventor	James L. McNaughton
1	Third Supplementa (Use as many sheets as neces			Art Unit	
	(Use as many sneets as neces	ssary)		Examiner Name	
Sheet	13	of	15	Attorney Docket Number	SU-7273

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	L-49	HCAPLUS Abstract of JP 08239699 A2 issued 1996.	
	L-50	HCAPLUS Abstract of JP 09087684 A2 issued 1997.	
	L-51	HCAPLUS Abstract of JP 09227317 A2 issued 1997.	
	L-52	Al Zahrani, S.M., "Utilization of Polyethylene and Paraffin Waxes as Controlled Deliveery Systems for Different Fertilizers", Ind. Eng. Chem. Res., 2000, vol 39, pp 369-371.	
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	L-54	Author unknown, "Big Brother Brominator - Brominators", Bulky Systems Website, http://www.bulkysystemsinc.com/brominator.html , (Visited August 10, 2001). 1 page.	
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	L-56	Carpentier et al., "Biofilms and their consequences, with particular reference to hygiene in the food industry", Journal of Applied Bacteriology, 1993, Vol. 75, ppg 499-511.	
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	L-61	Hayward America's #1 Pool Water Systems Product Catalog, "Automatic Chemical Feeders" "Chlorinators (Slow Dissolve Tri-Chlor Only) and Brominators, Hayward Pool Products Inc. Website, http://www.haywardnet.com/products/catalog/displayProdInfo.cfm?itemID=61 >, 2 pages.	

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SU-7273

Substitute for form 1449A/PTO		Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Third Supplemental (Use as many sheets as necessary)	Application Number	10/603,132
	Filing Date	June 24, 2003
	First Named Inventor	James L. McNaughton
	Art Unit	

Sheet

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NON PATENT LITERATURE DOCUMENTS							
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	L-62	Hayward America's #1 Pool Water Systems Product Catalog, "Automatic Chemical Feeders" "Chlorinators (Slow Dissolve Tri-Chlor Only) and Brominators, Buyers Guide, Hayward Pool Products Inc., Website,					
	L-63	Hayward Pool Products Owner's Guide, Installation and Operating Instructions, "Hayward Chemical Feeder", Models C250CF, C500CF, C1100CF, C1800CF, C2400CF, - 1998 - 4 pages					
	L-64	Howarth, J.N., et al. "A New, Bromine-Releasing Solid for Microbiological Control of Cooling Water", IWC-01-05, (Pittsburgh, PA: Engineers' Society of Western Pennsylvania, 2001), ppg 1-7.					
	L-65	Jolles, "General Methods of Bromination", Bromine and its Compounds, 1966, Ernest Benn, London, ppg. 365.					
	L-66	Krycer et al., "An Evaluation of Tablet Binding Agents Part II. Pressure Binders", Powder Technology, 1983, Vol. 34, ppg. 53-56.					
	L-67	Mantilla-Sandholm et al., "Biofilm Formation in the Industry: A Review", Food Reviews International, 8(4), 1992, ppg 573-603.					
	L-68	March, "Advanced Organic Chem.", 1992, 4th Edition, ppg. 639-640.					
	L-69	Markish et al., "New Aspects on the Preparation of 1,3-Dibromo-5,5-Dimethylhydantoin", Ind. Eng. Chem. Res. 1995, Vol. 34, ppg. 2125-2127.					
	L-70	Mora et al., "Properties of a New Chloramine Disinfectant and Detoxicant", Poultry Science, 1982, vol 61, ppg 1968-1971.					
	L-71	C.J. Nalepa, "New Bromine-Releasing Granules for Microbiological Control of Cooling Water," paper 03716 (Corrosion 2003 Houston, TX: NACE International, 2003), ppg 03716/1-03716/15.					
	L-72	Orazi et al., "Halogenacion con 3-Bromo-5,5-Dimetil-Hidantoina", Anales Assoc. Quim. Argentina, 1949, Vol. 37, ppg. 192-196. (Not translated)					
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	L-74	Pentair Pool Products Brochure, "Rainbow High Capacity Chlorine/Bromine Feeders", "Unsurpassed Performance From The Industry's Leader in Automatic Sanitizing of Large Residential and Commercial Pools",					
	L-75	Pentair Pool Products Brochure, "Rainbow Model 300 Automatic Chlorine/Bromine Off-line Feeders", "The Efficient, Easy Way to Sanitize Your Pool or Spa", date unknown, 1 page.					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/603,132		
				Filing Date	June 24, 2003		
			ANI	First Named Inventor	James L. McNaughton		
Third Supplemental (Use as many sheets as necessary)		Art Unit					
		Examiner Name					
Sheet	15	of	15	Attorney Docket Number	SU-7273		

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	L-74	Pentair Pool Products Brochure, "Rainbow Model 320 Automatic Chlorine/Bromine In-line Feeder", "Saves Time, Reduces Manual Handling of Chemicals", date unknown, 7 pages.						
	L-76	Petterson, "N-Halogen Compounds. I. Decomposition of 1,3-Dichloro-5,5-dimethylhydantoin in Water at pH 9", J. Org. Chem., 1959, Vol. 24, ppg. 1414-1419.						
	L-77	Sani-King Spa Feeder Product Brochure Model 740 from King Technology Website, http://www.kingtechnology.com/spafeeder.htm Visited (August 10, 2001), 2000, 4 pages.						
	L-78	Sani-King Perform-Max Pool Sanitizer Instruction Guide, Models 910, 940, & 980 (Inline) and Models 930 & 960 (Off-line), date unknown, 16 pages.						
	L-79	Sani-King Adjust-A-Flo Product Brochure from King Technology Website http://www.kingtechnology.com/spafeeder.htm (Visited August 10, 2001), 2000, 1 page.						
	L-80	Sani-King Perform-Max Sanitizers for Inground Pools Product Brochure for Model 940 & 960 from King Technology Website, http://www.kingtechnology.com/perfermaxIG.htm , visited August 10, 2001, 2000, 1 pg.						
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.,	L-84	Willard et al., "Elementary Quantitative Analysis", Third Edition, Chapter XIV, 1933, ppg. 261-271.	l					
	L-85	Williams, et al., "Research Note: Combined Halogen Disinfectants in Poultry Processing", Poultry Science, 1990, vol 69, ppg 2248-2251.						
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		1987.						

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